



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:57 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 788 Const Calendar Day: 262 Date: 21-Feb-2013 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 40 - 50 12 PM 50 - 60 4PM 50 - 60
Precipitation 0.00" Condition Partly overcast

Working Day ☐ If no, explain:

Diary:

Dispute

Work description.

- Attended weekly SAS Safety Tailgate meeting at 8:00am.
- Continued to compile GPS calibration Latitudes and Longitudes for control points on Yerba Buena/Treasure Island and at the Oakland Touchdown. Data from District 4 surveyors since 2009 was used in addition to the data from the OSC calibrations in 2012 on YBI/TI. This calibrations control points were the following:

TIN3 (3), Receive Reset 1970 (100), MOLE (1000), and ALA-15 (415)

The intent of analyzing and compiling this data is to calculate the tectonic plate movement relative to the San Francisco Oakland Bay Bridge. Caltrans data will be compared to NASA and USGS measurements taken in the vicinity of the bridge.

- Continued to prepare for the final As-Built of the SFOBB.

Attachment



South Manitowoc ringer crane boom that contacted the bottom of the OBG and crossbeam.



Crane collapse seen from the E-Line OBG looking north.

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Accident scene seen from the E2 cap beam looking west.



Manitowoc ring cranes, barges, and temporary truss section scene shortly after the accident.



Crane collapse seen from the erection tower lower platform looking east.



Overturned boom section of the North Manitowoc ring crane seen from the W2 cap beam scaffolds.



Mangled temporary truss section that fell and punctured the removal barge.



Close-up of the punctured barge from the temporary truss section that was dropped.

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Crane collapse seen from the E-Line OBG looking north.



Counterweights on the north Manitowoc ringer crane that were hurtled from the back of the crane onto the barge.